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REPORT
on the
HEALTH
of the
Urban District of Bowdon
1963





BOWDON URBAN DISTRICT COUNCIL.

Public Health Committee 1963

Councillor	T. Gray-Hill (Chairman)
"	F. Seatree.
"	J. H. Ashworth.
"	Major M.G. Bird.
"	Colonel W.L.E. Egerton Smith.
"	Major G.C.Howarth.
"	J.B.Humphreys.
"	A.D. Johnson. J.P.
"	Miss M. Mason M.A.,J.P.
"	H. Davies.
"	J. C. Chicken.
"	Mrs E. Cassel.

Officials.

Dr. W.H. Parry, M.D.,D.P.H.,D.T.M. & H.,

Medical Officer of Health.

L.J. Cottrell, A.T.S.I., M.INST.,P.H.E.,

Public Health Inspector and Surveyor.

BOWDON URBAN DISTRICT COUNCIL.

Council Offices
Richmond Road,
Bowdon.,

Mr Chairman, Ladies & Gentlemen.

I have pleasure in presenting my report on the health of the Urban District of Bowdon for the year 1963.

VITAL STATISTICS.

Population.

The Registrar General estimates the population for Mid , 1963 at, 4,480 an increase of 40 on 1962. The number of houses increased by 20 to 1429.

Births.

Registered live births numbered 49 giving a rate of 10.93 per population 1000, compared with 15.09 in 1962, a decrease of 4.16. The rate for England and Wales was 18.2, an increase of 0.2 over the previous year.

Of the 49 Births, 46 were legitimate, and 3 illegitimate. The percentage of illegitimate births has risen considerably over the year.

There were no still-births in 1963, compared with one in 1962, and 4 in 1961.

Deaths.

The number of deaths registered during the year was 78, a ratio to the population of 1 in 57 or a death rate per 1000 of population of 17.41 as compared with 14.4 in 1962. The rate for England and Wales for 1963 was 12.2 an increase of 0.3.

Deaths from cancer, numbered 15 compared with 8 in 1962 and 3 in 1961. There were no deaths from tuberculosis.

Heart diseases accounted for 30 deaths compared with 19 in 1962. There were 22 in 1961.

Infectious Diseases.

There was a small increase in the total of notifiable diseases : 51 compared with 46 in 1962. Of these 36 were due to Measles, compared with 42 in 1962. There were 13 Cases of Whooping Cough notified compared with none in 1962.

Sanitary Inspections.

Owing to the increased demands on the time and energy of Mr Cottrell, in his capacity as Surveyor, very little, apart from urgent inspections and reports were undertaken by him, as Sanitary Inspector. This is a very unsatisfactory state of affairs, and may necessitate the splitting of this dual appointment if it is found that the duties as Surveyor prevent him from carrying out his statutory duties in the Health Department.

Flouridation of Water Supplies.

The vexed problem of fluoridation of water supplies was considered at great length by the Council in 1963, After much research, discussion and debate, it was decided to approve the addition of fluoride to the water supplies at a concentration not exceeding 1ppm.

However, as Manchester is the water supplier for the area, it was finally incumbent upon them to decide whether or not to add fluoride to the water. They finally decided to defer their decision for a period of 2 years, and that is how the position rests at the time of writing this report.

My thanks are extended to the Chairman and Members of the Health Committee and Council, for their support in providing the Health Services of Bowdon Urban District.

I am also grateful to Mr Cottrell and his staff, for their loyal co-operation.

I have the honour to be,

Your obedient servant.

W. J. H. H. H. H.
Medical Officer of Health.



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HEALTH EDUCATION

Publications by the Medical
Officer of Health during
the year - 1963.

1. "The problems of Salmonella food poisoning" The Medical Officer
18th January
2. "Brucellosis and Milk Sampling" The Medical Officer
28th June.
3. "Brucellosis or Undulant Fever" The Nursing Times.,
22nd November
4. "Salmonella food Poisoning" The Nursing Times.,
6th December,
5. "Outbreak of Clostridium Welshii food Poisoning" The British Medical Journal.
28th December.

P A R T O N E.

General Statistics.

	1962	1963.
Area of District	1090	1090
Average Height above sea level	220	220
Registrar General's estimated mid year population	4440	4480
Number of inhabited houses	1409	1429
Rateable Value.	£69,830	£194,912.
Sum represented by a penny rate.	£280	£788

Vital Statistics.

	1962	1963.
Total live births	67	49
Crude Birth Rate per 1,000 pop	15.09	10.93
Comparability Factor	.88	1.06
Standardised Birth Rate	13.27	11.58
General Birth Rate (England-Wales)	18.0	
Total Still Births	1	Nil.
Still Birth Rate 1,000 live & still Births.	14.7	Nil
Total live and Still Births.	68	49
Infant Mortality Rate per 1000 legitimate live.	31.2	20.40
Infant Mortality rate per 1000 live: births.	29.4	Nil
Infant Mortality rate per 1000 illegitimate live births.	Nil	.333
Neo Mortality per 1000 live births	14.9	Nil
Maternal deaths	Nil	Nil
Maternal Mortality per 1000 live & still births	Nil	Nil
Total Deaths	64	78
Crude Death Rate Per 1000 pop.	14.4	17.41
Comparability Factor	.85	0.73
Standardised Death Rate	12.24	12.71
Deaths from Cancer	8	15
Deaths from Tuberculosis.	Nil	Nil.

The population figures given are for home population and the birth and death rates are based on this figure. The standardised rates are arrived at after allowing for age and sex distribution of the population, giving a more fair comparison with those of other areas.

The social conditions are good. This district is almost entirely residential and there is virtually no industry.

PART TWO - TABLES.

Infant Mortality.

Table I. Live Births.

	<u>LEGITIMATE</u>		<u>ILLEGITIMATE</u>		<u>TOTALS.</u>	
	1962	1963	1962	1963	1962	1963.
Males	24	25	1	1	25	26
Females.	40	21	2	2	42	23
	64	46	3	3	67	49

Table II. Still Births

	<u>LEGITIMATE</u>		<u>ILLEGITIMATE</u>		<u>TOTALS.</u>	
	1962	1963	1962	1963	1962	1963.
Males.	1	Nil	Nil	Nil	1	Nil
Females	Nil	Nil	Nil	Nil	Nil	Nil
	1	0	0	0	1	0

There have been no still births in the district during the year 1963.

Table III. Deaths of Infants
Under 1 year of age.,

	<u>LEGITIMATE</u>		<u>ILLEGITIMATE</u>		<u>TOTALS.</u>	
	1962	1963	1962	1963	1962	1963.
Males	1	Nil	Nil	Nil	1	Nil
Females.	Nil	Nil	Nil	1	1	1
	2	0	0	1	2	1

Table 1V. Deaths of infants
Under 4 weeks of age.

	<u>LEGITIMATE</u>		<u>ILLEGITIMATE</u>		<u>TOTALS</u>	
	1962	1963	1962	1963	1962	1963
Males	1	Nil	Nil	Nil	1	Nil
Females.	2	Nil	Nil	Nil	2	Nil.
	3	0	0	0	3	0

Table 5. NOTIFIABLE DISEASES.

Disease.	Number of cases Notified.	
	<u>1962</u>	<u>1963.</u>
Scarlet Fever	1	1
Whooping Cough	0	13
Measles including Rubella.	42	36
Acute Poliomyelitis	0	0
Paralytic ...	1	0
Tuberculosis -		
Respiratory ...	1	0
Other	1	0
Puerperal Pyrexia	0	1.
	<u>46</u>	<u>51</u>

The district was subject to a great number of cases of Measles and whooping cough, and apart from these there were only two other cases notified.

Table 6.

Number of New Cases of Tuberculosis notified
During the year ended 31st December, 1963.

	'N I L'		
	Males	Females	Children.
No. of Pulmonary on Register	5	3	2
No. of Non Pulmonary on Register	1	Nil	Nil
New Cases	Nil	Nil	Nil

Table 7.

Deaths from Tuberculosis registered during
the year ended 31st December, 1963.,

'N I L'

National Health Act Services & Service
Provided by the Cheshire County Council

A. Service provided in accordance with the requirements of the National Health Service Act. 1946.

1. Hospital Services.

Controlling Body - Manchester Regional Hospital Board.
Local Hospitals. Administered by North West and Mid-Cheshire Hospital Management Committee.

2. Hospitals Serving this Area.

General Acute Cases	Altrincham General Hospital.
Convalescent ...	Denzell Hospital.

[illegible]

Maternity Hospitals. Altrincham Maternity Hospital .
Southfields , Bowdon.

Ear Nose & Throat. St Annes Home, Altrincham.

A large number of cases from Bowdon, are also treated in Manchester hospitals.

3 General Practitioner, and General Dental Services.

Controlling Body National Health Services Executive
 Council for Cheshire.

4. Service of Local Health Authority - Cheshire County Council.

* J. Ambulance service Ambulance Station Tele: ALT.3256.

* 2. Immunisation and Vaccination Divisional Medical Officer of
Health, The Mount, Church Street

* 3. Care & After Care. Altrincham.

4. Home Help Service.

5. Maternity & Child Welfare. Eister House, Broomfield Lane
Hale, Cheshire.

6. Domiciliary Midwifery and District Nursing. Miss A. Milvenan, 1, Bollin Court Bowdon, or Lister House.

7. Dental Service Private, or Dental Hospital,
Manchester.

* Services marked with this star, are administered by the Altrincham Divisional Health Committee.

The area of the 'Altrincham Divisional Health Committee' covers Altrincham M.B. Bucklow R.D.C. Knutsford U.D.C. Hale U.D.C. and Bowdon U.D.C., and includes members of these Authorities, Members of the County Council, and Co-opted Members.

The Divisional Medical Officer:-

Dr. W.H. Parry, M.D., D.P.H., D.T.M.&H.
Mountlands
The Mount,
Off Church Street,
Altrincham.

Telephone ALT 5323 & 1981.

Other Services by other Committees of Cheshire County Council.

Education Committee.

School Health Services, including
School Dental Service.

Welfare Committee.

County Welfare Officer,
Mr Evans,
County Hall, Chester.

Elderly persons, care & attention
of homeless and handicapped persons
provision for residential accommodation.

Childrens Committee.

Area Office
53/55 George Street,
Altrincham Cheshire.

Provides for the care of deprived
children - children not under
parental care, foster children etc.,

DEATHS REGISTERED DURING THE CALENDAR YEAR 1963
AND CAUSES.,

No. On Sheet.	Cause of Death.	Male		Female		TOTAL.	
		1962	1963	1962	1963	1962	1963
10	Malignant Neoplasm, Stomach	0	0	0	1	0	1
11	Malignant Neoplasm, Lungs Bronchus.	1	4	0	0	1	4
12	Malignant Neoplasm, Breast.	0	0	0	3	0	3
13	Malignant Neoplasm, Uterus	0	0	0	1	0	1
14	Other Malignant and Lymphatic Neoplasms	4	4	3	2	7	6
15	Leukeamia, aleukaemia	0	0	1	0	1	0
16	Diabetes	0	1	0	0	0	1
17	Vascular Lesions of nervous System.	3	2	11	11	14	13
18	Coronary Disease, angina	2	10	8	2	10	12
19	Hypertension with heart disease	0	0	1	0	1	0
20	Other Heart Disease	3	6	5	12	8	18
21	Other Circulatory Disease	2	0	3	2	5	2
23	Pneumonia	0	0	2	4	2	4
24	Bronchitis	3	2	1	0	4	2
26	Ulcer of Stomach & Duodenum	1	1	0	0	1	1
27	Gastritis Enteritis & Diarrhoea	0	0	0	1	0	1
31	Congenital Malformations	2	0	0	0	2	0
32	Other defined and ill-defined diseases.	1	1	3	5	4	6
33	Motor Vehicle Accidents	0	1	0	0	0	1
34	All Other Accidents	0	0	3	0	3	0
35	Suicide	0	2	1	0	1	2
All Causes .. TOTAL		22	34	42	44	64	78

The majority of deaths are those associated with old age, that is the failing of the cardio vascular system, and with cancer in its various forms.

The number of deaths give a death rate which is higher than the average from the country as a whole. This must not be regarded as of any particular significance as the total numbers being small, the average is easily upset by any chance increase or decrease in deaths occurring in any one month as say in January or December, which would influence the rate for one or other calendar year.



WATER SUPPLIES.

THIRLMERE AND HAWESWATER DISTRIBUTED SUPPLIES.

The typical analysis of the mixed supplies, as taken from house taps as follows.

pH value	7.0
Colour as p.p.m. platinum	15
Turbidity p.p.m. silica scale	1.1

	<u>Parts Per Million.</u>
Total solids dried at 180°C.	38
Free acidity as CO ₂	2
Alkalinity as CaCO ₃	15
Total hardness as CaCO ₃	25
Chlorides as Cl ₂	7
Oxygen absorbed test	
4 Hours as 27°C	1.29
Silica as SiO ₂	2
Iron as Fe	0.06
Manganese as Mn	0.01

The water supply is liable to only slight variations during the year.

Thirlmere water is neutralised with hydrated lime at the head works so as to give a pH value around 7 in the town area Haweswater contains less than 0.2 p.p.m. lead after standing overnight in contact with lead service pipes.

There was an outbreak of diatoms, *Asterionella*, in Haweswater in the early spring and for a number of weeks the turbidity was higher than normal around 2 p.p.m.

Two hundred and fifty four (254) bacteriological samples were collected in the area during the year with the following results:-

Total number of samples	254	
Samples free from coliform bacteria	244	96.1%
Samples free from faecal coli	253	99.6%
Samples with faecal coli present	1	0.4%
Samples with non-faecal coli present	10	3.9%

SAMPLES WITH COLI PRESENT.

No of Coli present in 100mls of water.	No of samples per cent.		No of samples per-cent.	
	<u>FAECAL COLI.</u>		<u>NON-FAECAL COLI.</u>	
1	1	0.4	9	3.5
5	0	0	1	0.4
6	1	0.4	10	3.9

The above coliform bacteria were derived from "aftergrowths" in deposits in mains. On the same days as the 10 samples with coli present were taken, 35 other samples were also taken and these were coli-free and excellent.

The water supply has been of excellent chemical and bacteriological quality throughout the year.

General Public Health Inspection.

The work of the Public Health Inspector during this year had been limited to urgent inspections and reports due to the heavy demands on his time as Surveyor to the Urban District.

Housing.

Grants The Council restrict the question of improvements to Standard Grants only, and do not consider any applications for discretionary grants under the Housing Act. During the year, Standard Grants were approved in three cases, and the Grants paid amounted to £330.

Rents Act. Application was made in 3 cases for certificates of dis-repair and schedules of repairs, were completed. Extensive work and repairs were carried out, as a result of this.

New Houses. The bulk, of new house building is by private enterprise, for sale. During the year 13 new houses were completed by private enterprise.

Regarding Council House Building, the Council have now acquired a 2 acre site in Bow Lane, and have taken steps to develop the land for a further number of Council Houses..

The existing Council Houses. An inspection was carried out, and maintenance demands a great deal of work. During the year, inspections for repair and maintenance numbered 208.

Collection and Disposal of Refuse. A once weekly collection of house refuse is made, throughout the area, together with additional collection of trade refuse.

A second rear tipping vehicle has been acquired for refuse collection by the Council, and is now used as standby and relief vehicle.

The question of tipping space is somewhat limited, but application is being made to extend the area for tipping to the South Side of the River Bollin.

Further consultations have taken place with adjoining Authorities, for the establishment of a joint refuse disposal scheme.

Drainage & Sewerage. The sewerage system throughout the district has been satisfactorily maintained.

The contract for the construction of the new Sewage Disposal Works, and re-laying of the sewers has proceeded, but certain queries have been made of the Consultant Engineers, regarding this Contract.

Food & Drugs. The Council bear most of the statutory responsibilities for safeguarding the public from foodborne diseases, the main aim being directed towards securing proper and hygienic conditions for the manufacture, preparation and sale of food.

All premises connected with these businesses have been inspected during the year and where necessary informal action has been taken to secure compliance with the food and drugs act 1955 and the Food Hygiene Regulations 1960. In no case was formal action necessary.

The following is a summary of the various food premises in the district:-

Grocers and General Provisions	12
Green Grocers	3
Confectionery Shops	1
Butchers	2
Licensed Premises	2
Fish Friers	1
Registered Ice Cream Premises	4
Restaurants	2

The Cheshire County Council are responsible for taking food and drug samples in this district, and the following list of samples taken has been supplied by the County Chief Inspector of Weights.

<u>Samples Taken</u>	<u>No.</u>	<u>No. of Non-Standard Samples</u>
Castor Oil B.P.	1	-
Coconut (desiccated)	1	-
Milk (Fresh)	11	-
Sausages (Pork)	1	-
Soft Drinks (Cream Soda)	1	-
Tomatoes	1	-
	<u>16</u>	<u>-</u>

Particulars of Adulterated/Non Standard Samples.

N I L

Particulars of Complaints from Private Purchasers.

N I L.

Offensive Trades. There are no offensive trades in the district.

Factories. There are two factories in the district. No action has been necessary under the factories Act, 1937 during the year.

Atmospheric Pollution. As the Urban District is purely residential the possible source of nuisance from Factory chimneys within their district does not arise.

Serious pollution of the air however emanates from domestic premises both inside and outside the district and the Clean Air Act 1956 placed into the hands of Local Authorities power to establish Smoke Control Areas, within their district in order to reduce atmospheric pollution.

Suitable areas for establishing smoke control areas are the two new housing estates to the east and west of Bow Green Road, Bowdon. In addition the Council could establish smoke control areas involving properties owned by them, many of which already have installed approved appliances, making it a condition of tenancy that only smokeless fuel shall be burnt.

Following the introduction of the Clean Air Act, 1956, the Council amended their Building Bye-laws so as to include control of the installation of appliances for the burning of fuel in all new dwellings. Rigid control is kept during the construction of new houses to ensure only approved appliances be installed.

The Council are members of the Manchester and District Smoke Abatement Committee, and they are represented at this committee, also at the Standing Conference of Local Authorities regarding Atmospheric Pollution.

Shops Act. No action has been necessary during the year in respect of the provisions of the Shop Act, 1950, regarding sanitary, and other arrangements in the shops.

Petroleum Licences. Your Public Health Inspector, also acts as Petroleum Officer, and during the year 5 licences to keep petroleum spirits, and petroleum were issued.

Rodent Control. Sewer tests are taken periodically, but few were recorded.

The Council's refuse tip, and sewerage farm are treated weekly, and the Council's ~~year~~ monthly. No serious infestation has been reported.

